EAST Search History

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|---------------------------------------|-------------|---------------------|---------|------------|
| S1 3 | 347 | (("(5826212") or | US-PGPUB; | OR | OFF | 2008/01/28 |
| | | ("5899956") or | USPAT; | | | 14:14 |
| | | ("6226389") or | USOCR; EPO; | | | |
| | | ("6226389") or | JPO; | | | |
| | | ("4257703") or | DERWENT; | | | |
| | | ("4772987") or | IBM_TDB | | | |
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| S2 353 | S1 or ("5245422" "5410304" "9353397" "6411328").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | ON | 2008/01/28 14:55 |
|--------|---|--|----|----|---------------------|
| | ("3879617") or ("3872423") or ("3853595") or ("3854243") or ("3851822") or ("3847497") or ("3799293") or ("3794966") or ("3790169") or ("3783446") or ("4017843") or ("4051961") or ("4072945") or ("4072945") or ("4073568") or ("4073568") or ("4123181") or ("4123181") or ("4245713") or ("4247154") or ("4247154") or ("4284965") or ("4284965") or ("4284971") or ("4284965") or ("4284971") or ("4303308") or ("4311876") or ("4311876") or ("4311876") or ("4320380") or ("4320380") or ("4332503") or ("). pn.")).PN. | | | | |

| S3 | 59 | S2 and (vehicle same (vision visibility)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:08 |
|-----|-----|--|---|----|----|---------------------|
| S4 | 60 | S2 and ((vehicle same (vision visibility)) (night adj vision)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 14:57 |
| S6 | 51 | S4 and (roadway lane pathway highway path (travel\$4 near3 (route direction))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 14:58 |
| S7 | 33 | S6 and display | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 14:58 |
| S8 | 33 | S7 and (driver motorist operator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:02 |
| S9 | 19 | S8 and (infrared IR) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:02 |
| S10 | 38 | ((PETER) near2 (KNOLL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/28 15:08 |
| S11 | 167 | ((PETER) near2 (KNOLL)).INV. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:08 |
| S12 | 19 | S11 and (vehicle same (vision visibility)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:10 |

| S13 | 4 | ("5519536" "6327536").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:12 |
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| S14 | 4 | "2002011925".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 15:13 |
| S15 | 8 | S13 S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 16:39 |
| S16 | 18 | ("20020067413" "20040227083" "5414439" "5646612" "5660454" "6538622" "6840342" "6897892" "6977630").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/28 16:41 |
| S17 | 18 | ("20020067413" "20040227083" "5414439" "5646612" "5660454" "6538622" "6840342" "6897892" "6977630").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 07:24 |
| S18 | 573 | ("20020005999" "20020063778" "20020184236" "20020191388" "20020196639" "20030023614" "20030128182" "20040066376" "20040180369" "20050063194" "20050174473" "2716193" "3803407" "3887273" "3892438" "4052123" "4120566" "4131818" "4257703" "4317117" "4384293" "4418350" "4527861" "4549181" "4560233" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/29 10:37 |

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| | | "6538622" "6977630" "7015944" "7227515").URPN. | · | | | *************************************** |
|-----|-----|---|---|----|----|---|
| S19 | 106 | S18 and (IR infrared) and (camera ccd) and sensor and (object obstacle pedestrian) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:52 |
| S20 | 92 | S19 and (road\$4 path\$4 lane) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:53 |
| S21 | 85 | S20 and (display screen "heads-up") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:53 |
| S22 | 77 | S21 and (radar ultrasonic lidar distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:57 |
| S23 | 617 | (night adj vision) same (ir infrared) same (vehicle automobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:58 |
| S24 | 80 | S23 and (display "heads- up") near10 (warning alert caution danger\$4 haptic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 13:05 |
| S25 | 3 | S22 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 10:59 |

| S26 | 19 | ("20020154515" "5191312" "5404443" "5793420" "6144296" "6327522" "6693518" "6720938" "7015828"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 13:07 |
|-----|----|---|---|----|-------|---------------------|
| S27 | 4 | ("5684697" "5987364" "6488109" "6547424").PN. OR ("7065432").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/29 13:06 |
| S28 | 19 | · · | US-PGPUB; USPAT; DERWENT | OR | 500 Z | 2008/01/29 15:57 |
| S29 | 10 | S28 and visibility | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/29 15:58 |
| S30 | 19 | (US-20020154515-\$ or US-20020067413-\$). did. or (US-6275773-\$ or US-6977630-\$ or US-7227515-\$ or US-6727807-\$ or US-7202776-\$ or US-7202776-\$ or US-5414439-\$ or US-6789901-\$ or US-5475494-\$ or US-5963148-\$ or US-5963148-\$ or US-596316-\$ or US-5519536-\$ o | US-PGPUB; USPAT; DERWENT | OR | | 2008/01/30 09:21 |

| | | 6327536-\$).did. or (WO-200236389-\$).did. | | | | |
|-----|----|---|---|----|----|---------------------|
| S31 | 1 | \$30 and (((improv\$4 aid \$4 increas\$4) near4 (visible visibility)) same (object vehicle pedestrian)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 09:22 |
| S32 | 6 | \$30 and (((improv\$4 aid \$4 increas\$4) near8 (visible visibility)) same (object vehicle pedestrian)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 09:24 |
| S33 | 6 | \$30 and (((improv\$4 aid \$4 increas\$4) near8 (visible visibility)) same (object vehicle pedestrian)) and pedestrian | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 09:57 |
| S34 | 2 | S30 and (severity dangerousness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 09:57 |
| S35 | 4 | S30 and optical and (radar lidar ultrasonic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 09:58 |
| S36 | 4 | S30 and optical and (radar lidar ultrasonic) and infrared | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 10:04 |
| S37 | 18 | S30 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 10:05 |
| S38 | 5 | S30 and ((radar lidar distance ultrasonic) near4 sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 10:07 |

| S39 | 1 | S30 and haptic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/30 10:07 |
|-----|------|--|---|----|-----|---------------------|
| S40 | 19 | (US-20020154515-\$ or US-20020067413-\$). did. or (US-7015944-\$ or US-6411328-\$ or US-6275773-\$ or US-6789901-\$ or US-6977630-\$ or US-7227515-\$ or US-6327536-\$ or US-6538622-\$ or US-5414439-\$ or US-6727807-\$ or US-6327522-\$ or US-5963148-\$ or US-7202776-\$ or US-6700123-\$ or US-5475494-\$).did. or (WO-200236389-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ion | 2008/01/30 16:49 |
| S41 | 1 | S40 and (infrared near3 image near3 sensor) | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/01/30 16:50 |
| S42 | 22 | (infrared near3 image near3 sensor) same (obstacle pedestrian) | US-PGPUB; USPAT; DERWENT | OR | ON | 2008/01/30 16:50 |
| S43 | 69 | "5245422" "200115928" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:33 |
| S44 | 32 | S43 and (infrared IR "infra-red") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:35 |
| S45 | 2718 | (340/435,436,).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/13 15:43 |

| S46 | 957 | (180/169).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/13 15:44 |
|-----|------|---|---|----|-----|---------------------|
| S47 | 3525 | S45 S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:44 |
| S48 | 277 | S47 and ((infrared IR Infra-red) near2 (image sensor)) and (display alert notification indicator vision "heads- up") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:45 |
| S49 | 152 | S48 and (processor cpu microprocessor controller) same (object obstacle pedestrian animal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:49 |
| S50 | 30 | S48 and (processor cpu microprocessor controller) near8 (markers lane roadway traffic pavement curves reflector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:50 |
| S51 | 24 | S49 and (processor cpu microprocessor controller) near8 (markers lane roadway traffic pavement curves reflector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:50 |
| S52 | 0 | S49 and (vision adj assist\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:58 |
| S53 | 5 | S49 and ((vision visibility) near5 (assist \$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 15:59 |

| S54 | 4 | ("20020011925" "5642093").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 16:06 |
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| S55 | 49 | ("5432509" "5467284" "5475494").PN. OR ("5642093").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/13 16:10 |
| S56 | 32 | ("4970653" "5172315" "5172317" "5249128" "5309137"). PN. OR ("5467284"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/13 18:50 |
| S57 | 41 | S43 and ((lane marking roadway course path) near4 (detect\$4 recogn \$5 sensing)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 18:53 |
| S58 | 17 | S56 and ((lane marking roadway course path) near4 (detect\$4 recogn \$5 sensing)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 18:53 |
| S59 | 27 | (US-20020154515-\$ or US-20020067413-\$ or US-20020011925-\$). did. or (US-6977630-\$ or US-7202776-\$ or US-7202776-\$ or US-7202776-\$ or US-6789901-\$ or US-6727807-\$ or US-6727807-\$ or US-6538622-\$ or US-6411328-\$ or US-6327536-\$ or US-6327522-\$ or US-5475494-\$ or US-5963148-\$ or US-5963148-\$ or US-5414439-\$ or US-54144439-\$ or US-54144439-\$ or US-54144439-\$ or US-541444444-\$ or US-54144444444-\$ or US-541444444-\$ o | US-PGPUB; USPAT; DERWENT | OR | Z | 2009/03/13 |

| | | 4970653-\$).did. or (WO 200236389-\$).did. | | | | |
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| S61 | 1068 | S59 S60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 19:24 |
| S62 | 93 | S61 and (infrared near3 image) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 19:25 |
| S63 | 31 | S62 and (collision obstacle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 19:25 |

| S64 | 29 | S63 and (course path road\$4 lane marking) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 19:25 |
|-----|----|---|---|----|----|---------------------|
| S65 | 29 | S64 and (display warning alert indication alarm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 19:26 |
| S66 | 11 | (US-6977630-\$ or US-7015944-\$ or US-6411328-\$ or US-6327522-\$ or US-7151996-\$ or US-5467284-\$ or US-4970653-\$ or US-7433496-\$ or US-5706355-\$ or US-5214408-\$).did. | USPAT | OR | ON | 2009/03/13 20:21 |
| S67 | 8 | S66 and infrared | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 20:21 |
| S68 | 7 | S67 and (radar lidar distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 20:21 |
| S70 | 7 | S68 and (display alarm alert signaling notification indication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 20:22 |
| S71 | 7 | S70 and (course path lanes marker roadway road) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/13 20:23 |

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